Cabinet Power System

Product Description

OPUS HE Cabinet power systems consist of MHE rectifiers, VIDI+ controllers, Connections for mains and battery and load distribution MCB. System is configurable to match with requirements of the application. On top of 12 configurable relay alarms, system can be remotely monitored via modern communication protocols such as Ethernet TCP/IP, Modbus TCP/IP, SCADA IEC61850, SNMP and RS232.

OC2066 2000x600x600mm standard cabinet systems deliver maximum 24 kW output power at 48, 60, 110, 125 and 220 VDC and 18 kW at 24 VDC output. Cabinets have standard configurations for 3/6/12 rectifier modules. Quantity of rectifiers, battery fuses, battery shelves, load distribution and many other features are configurable to match with requirements of the application.

Features

- Efficiency up to 97%
- Convection cooling – no fans
- Outputs 24, 48, 60, 110, 125, 220 VDC
- Flexible design with full front cabling
- VIDI+ I/O controller, local and remote interfaces
- 12 x relays, Ethernet, Modbus, IEC61850, SNMP, RS-232
- Configurable battery shelves, battery connection and load distribution
- Options: IP21 roof, BLVD contactor, battery block voltage monitoring, inverters & DC/DC converters
- Safety: Cabinet: EN61439-1, EN61439-2 Low voltage switchgear controlgear assemblies Rectifiers: EN 62368-1, EN 50124-1 rail
- EMC: Cabinet: EN61439-1, EN61439-2 Rectifiers: EN 61000-6-1 / -2 / -3 / -4 / -5 EN 50121-4 rail, ETSI EN 300386 (48/60V)

Get in touch!

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ECSB High-End Battery Charger Panel

OPUS HE Power System

- *10 kW 19” 12U Rack System*
- *OC2066 Cabinet Power System*

Enedo

Featured product
OPUS MVPS rack

10 kW 19” 12U Rack System

5 YEAR WARRANTY · EFFICIENCY · NO FAN

UTILITY · RAIL · INDUSTRIAL · TELECOM

Product Description

OPUS HE power systems are robust, free convection cooled, N+1 redundant backup power solutions for critical infrastructure applications such as transmission and distribution substations, process industries, railway signalling and substations and telecommunications.

OPUS HE DC power systems consist of MHE rectifiers, VIDI2 controllers, Connections for mains and battery and load distribution MCB. System is configurable to match with requirements of the application.

19” 12U Rack delivers maximum 10 kW output power at 48, 60, 110, 125 and 220 VDC and 7.5 kW at 24 VDC output. 19” 12U Racks include slots for maximum 5 rectifier modules. Load distribution configuration of MCB quantity and current ratings can be configured per order. Wall mounting, IP21 cover kit, temperature sensor, battery block voltage monitoring and BLVD are options.

OPUS HE Power System 10 kW 19” 12U Rack System

DC output: 24 - 220VDC, 1.5 - 4kW
AC output: 208 - 240VAC, 1 - 3.6KVA
DC and AC load distribution
Redundant n+1 for maximum reliability
Back-up by station main battery e.g OPzS

Critical infrastructure
Replacement for unreliable UPS device

19” Load distribution panels

Features

- Efficiency up to 97%
- Convection cooling – no fans
- Outputs 24, 48, 60, 110, 125, 220 VDC
- 10.0 kW output power, 24VDC 7.5kW
- Configurable load distribution
- VIDI2 controller, local and remote interfaces 12 x relays, Ethernet, Modbus, IEC61850, SNMP, RS-232
- Flexible design with full front cabling
- Options: Wall mounting and IP21 kit, BLVD contactor, battery block voltage monitoring
- Safety: Rack: EN61439-1, EN61439-2 Low voltage switchgear controlgear assemblies Rectifiers: EN 62368-1, EN 50124-1 rail
- EMC: Rack: EN61439-1, EN61439-2 Rectifiers: EN 61000-6-1 / -2 / -3 / -4 / -5 EN 50121-4/-5 rail signalling & substation, ETSI EN 300386 (48/60V)